

**16:0-18:2 PS**
**1-palmitoyl-2-linoleoyl-sn-glycero-3-phospho-L-serine (sodium salt)**
**840060P-10mg**
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<b>Molecular Weight</b>	781.972
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>73</sub> NO <sub>10</sub> PNa
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5515PIE030
<b>Avanti Lot Number</b>	840060P-10MG-E-030

ANALYSIS	SPECIFICATION	SOP
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.48% total all wavelengths
FAME (GC/FID)	NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total	47.2% 16:0 (AUC) 52.8% 18:2 (AUC) 100% total
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 758.972 ± 1 amu	[M-Na] <sup>-</sup> = 758.8 amu

  
 Approved by:

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